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FEBRUARY 6.

The President, Dr. RUSCHENBERGER, in the chair.

Twenty-one members present.

PROF. LEIDY stated that he had recently received a small collection of fossils for examination from Prof. J. D. Whitney, who obtained them from California. The specimens are as follows:—

A fragment of an inferior molar, apparently of *Mastodon americanus*. Of this specimen Prof. Whitney remarks that it was obtained from a depth of 80 feet beneath the basaltic lava of Table Mountain, Tuolumne County, Cal., where it was found in association with remains of human art.

A much worn lower molar of a large horse, probably the *Equus pacificus*. From 16 feet on Gorden Gulch. The triturating surface of the crown measures  $13\frac{1}{2}$  lines fore and aft, and 10 lines transversely, inclusive of the cementum.

Two equine molar teeth, which, according to the accompanying label, were obtained 350 feet below the surface, at Soulsbyville, Tuolumne County, Cal. One is an unworn upper back molar, apparently of a species of *Protohippus*. It is moderately curved from behind forward and downward, but only slightly from within outward. It is 21 lines long in a straight line. Its greatest breadth above the middle, fore and aft, is nearly 9 lines; its thickness, about 7 lines.

The other tooth is a lower molar, about one-third worn, probably of the same species. The triturating surface is 10 lines fore and aft, and nearly 7 transversely.

Two teeth labelled "Found 10 feet below the surface at Dry Creek, near Bear Creek, Mercer County, Cal." One of the specimens appears to be the portion of a canine tooth, and the other is an incisor. They resemble in form the corresponding teeth of the lama, and probably belong to a species of the same genus. The incisor is about  $1\frac{1}{2}$  inch in length; the crown externally is 11 lines long and  $4\frac{1}{2}$  lines wide.

In a recent letter, Prof. Whitney informs me that the collection of fossils, indicated in the Proceedings for 1870, page 125, was obtained from the same locality as the two teeth just mentioned; that is to say, from Dry Creek, Mercer County, Cal. The locality given at the time with the notice of the specimens is erroneous.

FEBRUARY 14.

Mr. VAUX, Vice-President, in the chair.

Eleven members present.

[May 9,